

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L18	2	(LiF near Al) with tri\$layer\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:13
L17	0	(LiF near Al) with tri\$layer\$4	EPO; JPO; DERWENT	OR	ON	2006/06/08 14:13
L16	0	(LiF near Al near ca)	EPO; JPO; DERWENT	OR	ON	2006/06/08 14:13
L15	1	(LiF near Al near Mg)	EPO; JPO; DERWENT	OR	ON	2006/06/08 14:12
L14	43	(LiF near Al near Mg)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:12
L13	0	(LiF near Al near Mg) and 11	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:10
L12	6	(LiF near Al) and 11	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:10
S52	667	(LiF near Al near mg) (LiF near Al)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:09
L11	23	("20020180349" "20030035979" "20030132434" "5457565" "5773929" "5776622" "5776623" "5952779" "5969474" "6013384" "6064151" "6069442" "6137223" "6188176" "6316874" "6351067" "6411019" "6429451" "6469437" "6489044" "6565993" "6566807" "6614175").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 14:08
L10	1	("5917280").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/08 14:07
L9	304	(destructive near interference) same (thick\$4) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:30
L4	1639	(electrode cathode) with (reflect\$4) with (aluminum) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:27
L8	1	10/828549	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:02

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L7	72	(electrode cathode) with (reflect\$4) with (aluminum) with (prevent\$4 improv\$4 ensur\$4 "in order to") and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 13:02
S62	7649	(313/498-512).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/08 12:47
L6	214	4 and 5	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 12:47
L5	7672	(313/498-512).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/08 12:47
L3	2526	(electrode cathode) with (reflect\$4) with (Al aluminum) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 12:47
L2	64	(cathode electrode) with ((graphite near carbon) C60 C70 (nano near fullerene)) same (ITO (indium near tin near oxide)) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 12:44
L1	348	(cathode electrode) with ((graphite near carbon) C60 C70 (nano near fullerene))and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 10:37
S79	1444	((electrode) with float\$4) and (LED. U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 10:18
S10 5	130	(bottom?emitting same top?emitting) and (anode with reflect\$4) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 16:49

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S10 4	272	(bottom?emitting same top?emitting) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 16:49
S10 3	1	("5917280").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/07 16:28
S78	14	((electron near inject\$4 near (electrode layer)) "EIL".u/c.) same (float\$4) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 16:28
S10 2	70	"5917280"	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 16:24
S10 1	313	(anode near reflect\$4) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 16:23
S10 0	6333	((LiF (lithium near fluoride)) with (aluminum Al) with (LiF (lithium near fluoride))) (LiF\$Al\$LiF)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 16:09
S86	1382	((LiF (lithium near fluoride)) with (aluminum Al) with (magnesium Mg)) (LiF\$Al\$Mg)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 16:09
S99	82	injection near electrode near cathode	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 15:51
S98	2	10/398234	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 15:51
S97	68	(LiF near Al) with thick\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 15:25
S96	12523	(multi\$1layer multilayer plural\$1layer\$4) with (electrode cathode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 15:11
S95	23870	(multi\$1layer multilayer plural) with (electrode cathode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:43
S36	607	(multi\$1layer multilayer bi\$1layer bilayer plural) with cathode and (light near emit\$4 near device)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:43

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S94	5	(LiF near Al near LiF) ("LiF/Al/LiF") (LiF?Al?LiF)	EPO; JPO; DERWENT	OR	ON	2006/06/07 14:42
S82	264	(LiF near Al near LiF) ("LiF/Al/LiF") (LiF?Al?LiF)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:42
S93	0	("LiF/Al/LiF") (LiF\$Al\$LiF)	EPO; JPO; DERWENT	OR	ON	2006/06/07 14:41
S92	1	("6066357").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/07 14:41
S84	2	("LiF/Al/LiF") (LiF\$Al\$LiF)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:41
S91	3	"2000048257"	EPO; JPO; DERWENT	OR	ON	2006/06/07 14:40
S90	0	2000/048257	EPO; JPO; DERWENT	OR	ON	2006/06/07 14:39
S89	44	((trilayer tri\$1layer) near (cathode electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:39
S88	0	((trilayer tri\$1layer) near (cathodeelectrode))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:37
S87	20	((trilayer tri\$1layer) near (electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:37
S47	24	((trilayer tri\$1layer) near (cathode)) ("LiF/Al/LiF" "LiF/Al/Mg") and "313"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:37
S85	43	(LiF near Al near Mg) ("LiF/Al/Mg") (LiF\$Al\$Mg)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:28
S83	1	("LiF/Al/LiF") (LiF?Al?LiF)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:14
S81	14	cathode same (cap capping capped) same (((silicon si) near oxide) "SiO" "SiO.sub.2") same (ni nickel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 14:13
S80	2	cathode near (cap capping capped) with (((silicon si) near oxide) "SiO" "SiO.sub.2") with (ni nickel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 13:59
S77	1	((electron near inject\$4 near (electrode layer)) "EIL".u/c.) with (float\$4) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 12:18

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S76	1	((electron near inject\$4 near (electrode layer)) EIL) with (float\$4) and (LED.U/C. OLED.U/C. OELD. U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 12:18
S66	4648	(hole near transport\$4 near layer (HTL)) and (hole near inject\$4 near layer (HIL)) and (LED.U/C. OLED. U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 12:17
S75	12	ionic adj breeze	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 12:16
S72	1	10/828549	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 10:28
S74	1	("5917280").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:18
S73	1	("6824950").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 15:18
S71	73	("4539507"   "4720432"   "4769292"   "4885211"   "4950950"   "4983469"   "5047687"   "5059861"   "5059862"   "5061569"   "5073466"   "5126214"   "5141671"   "5150006"   "5151629"   "5283132").PN. OR ("5405709").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 14:37
S70	2046	S69 and S62	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 13:46
S69	4270	(hole near transport\$4 near layer (HTL)) and (hole near inject\$4 near layer (HIL)) and (electron near transport\$4 near layer (ETL)) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 13:46

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S68	4189	(hole near transport\$4 near layer (HTL)) same (hole near inject\$4 near layer (HIL)) and (LED.U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 13:45
S67	2198	S66 and S62	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 13:45
S61	126	(float\$4) with (electrode) with (improv\$4 enhanc\$4 ensur\$4 prevent\$4 "in order to") and (LED. U/C. OLED.U/C. OELD.U/C. electro\$1luminescen\$ lumines\$6 ((light photo photon) near3 (emitting emission emissive)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 13:43
S65	1	("20050248265").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 13:39
S64	1	("20040174116").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 13:39
S63	7	S60 and S62	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:39
S60	1648	(float\$4) with (electrode) with (improv\$4 enhanc\$4 ensur\$4 prevent\$4 "in order to")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:38